

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TEXAS, North</b>				
(TX-Z091) MONTAGUE, (TX-Z092) COOKE, (TX-Z093) GRAYSON, (TX-Z100) YOUNG, (TX-Z101) JACK, (TX-Z102) WISE, (TX-Z103) DENTON, (TX-Z115) STEPHENS, (TX-Z116) PALO PINTO, (TX-Z117) PARKER, (TX-Z118) TARRANT, (TX-Z129) EASTLAND, (TX-Z130) ERATH, (TX-Z131) HOOD, (TX-Z132) SOMERVELL, (TX-Z133) JOHNSON, (TX-Z141) COMANCHE, (TX-Z142) MILLS, (TX-Z143) HAMILTON, (TX-Z144) BOSQUE, (TX-Z145) HILL, (TX-Z147) FREESTONE, (TX-Z148) ANDERSON, (TX-Z156) LAMPASAS, (TX-Z157) CORYELL, (TX-Z158) BELL, (TX-Z159) MCLENNAN, (TX-Z160) FALLS, (TX-Z161) LIMESTONE, (TX-Z162) LEON, (TX-Z174) MILAM, (TX-Z175) ROBERTSON				
	05/01/13 00:00 CST		0	Drought
	05/31/13 23:59 CST		0.12M	
Severe weather dominated headlines for the month of May, but drought conditions continued to be a important weather topic across North Texas.				
<b>HAMILTON COUNTY --- 4.0 NW HAMILTON [31.74, -98.17]</b>				
	05/09/13 10:56 CST		0	Hail (1.00 in)
	05/09/13 10:56 CST		0	Source: Public
Quarter sized hail was reported northwest of Hamilton.				
<b>HAMILTON COUNTY --- HAMILTON [31.70, -98.12]</b>				
	05/09/13 11:57 CST		7K	Hail (1.75 in)
	05/09/13 11:57 CST		0	Source: Trained Spotter
<b>BELL COUNTY --- MOFFAT [31.20, -97.47]</b>				
	05/09/13 13:18 CST		0	Hail (1.00 in)
	05/09/13 13:18 CST		0	Source: Trained Spotter
<b>BELL COUNTY --- 1.6 NNE TEMPLE [31.12, -97.34]</b>				
	05/09/13 13:37 CST		0	Hail (1.00 in)
	05/09/13 13:37 CST		0	Source: Trained Spotter
Quarter sized hail was reported in Temple.				
<b>BELL COUNTY --- 2.1 E MIDWAY [31.08, -97.39]</b>				
	05/09/13 13:38 CST		20K	Thunderstorm Wind (MG 63 kt)
	05/09/13 13:38 CST		0	Source: Trained Spotter
A trained spotter measured a 72 mph wind gust southwest of Temple.				
<b>BELL COUNTY --- 2.1 NE TEMPLE [31.12, -97.33]</b>				
	05/09/13 13:39 CST		5K	Hail (1.75 in)
	05/09/13 13:39 CST		0	Source: Trained Spotter
Golf ball sized hail was reported on the northeast side of Temple.				
<b>FALLS COUNTY --- WESTPHALIA [31.12, -97.12]</b>				
	05/09/13 14:00 CST		0	Hail (1.00 in)
	05/09/13 14:00 CST		0	Source: Trained Spotter
<b>MILAM COUNTY --- 0.7 S SILVER CITY [30.89, -96.95]</b>				
	05/09/13 14:09 CST		0	Thunderstorm Wind (EG 56 kt)
	05/09/13 14:14 CST		2K	Source: Trained Spotter
Trained spotters reported several trees blown down or destroyed by thunderstorm winds. The tree damage occurred a few miles northeast of the city of Cameron.				
<b>ANDERSON COUNTY --- 2.6 NW BLACKFOOT [31.96, -95.86], 1.5 NNE BLACKFOOT [31.95, -95.82], 3.4 N TENNESSEE COLONY [31.88, -95.84], 3.0 ESE BETHEL [31.91, -95.88]</b>				
	05/09/13 17:54 CST		0	Flash Flood (due to Heavy Rain)
	05/09/13 18:34 CST		20K	Source: Emergency Manager

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Anderson County Emergency Management reported several roads underwater and impassible due to locally heavy rainfall.

Thunderstorms developed in the moist, unstable air on May 9th, producing clusters of thunderstorms. Various reports of severe weather were reported, with the bulk of the reports being hail near quarter sized.

### LAMPASAS COUNTY --- 1.0 N LAMPASAS ARPT [31.11, -98.20]

05/10/13 17:27 CST	0	Hail (1.00 in)
05/10/13 17:27 CST	0	Source: Social Media

Hail up to the size of quarters was reported 1 mile north of Lampasas Airport.

### BELL COUNTY --- 3.8 WSW SIMMONSVILLE [31.07, -97.75]

05/10/13 18:30 CST	5K	Thunderstorm Wind (EG 52 kt)
05/10/13 18:34 CST	0	Source: Trained Spotter

A trained spotter estimated 60 mph winds at their residence in Killeen. Report came in through e-spotter.

An upper level disturbance moved east from West Texas during the morning and afternoon of May 10th. This system was able to tap into just enough moisture and instability to produce isolated thunderstorms in North Texas. There were minimal reports of hail, but several reports of winds to around 60 mph.

### (TX-Z116) PALO PINTO, (TX-Z156) LAMPASAS

05/13/13 11:00 CST	3K	Wildfire
05/14/13 16:00 CST	14K	

After some recent rainfall, conditions became extremely dry on the afternoon of Monday, May 13th. Low relative humidity and 10 to 20 mph winds allowed fires which started as controlled burns to quickly become uncontrolled.

### (TX-Z095) LAMAR, (TX-Z106) DELTA, (TX-Z107) HOPKINS

05/14/13 00:00 CST	0	Drought
05/31/13 23:59 CST	3K	

Drought conditions continued to plaque much of North Texas during the month of May. Fortunately, some counties experienced overall improvement in drought severity due to periods of active convective weather.

### (TX-Z105) HUNT, (TX-Z120) ROCKWALL, (TX-Z121) KAUFMAN, (TX-Z122) VAN ZANDT, (TX-Z123) RAINS

05/14/13 00:00 CST	3K	Drought
05/27/13 23:59 CST	7K	

Drought conditions continued to plaque much of North Texas during the month of May. The hardest hit areas were the western-most counties where the least amounts of rain occurred. A few of the northeastern counties recovered in April, only to slide back into a moderate drought due to below average May precipitation.

### MONTAGUE COUNTY --- RINGGOLD [33.82, -97.95]

05/15/13 16:08 CST	0	Hail (1.75 in)
05/15/13 16:11 CST	0	Source: Law Enforcement

A Montague County sheriff deputy reported golf ball sized hail in Ringgold.

### MONTAGUE COUNTY --- RINGGOLD [33.82, -97.95]

05/15/13 16:11 CST	10K	Hail (2.75 in)
05/15/13 16:14 CST	5K	Source: Law Enforcement

A Montague County sheriff deputy reported hail grew to baseball sized hail. Golf ball sized hail was also covering the ground.

### MONTAGUE COUNTY --- 3.1 WNW BELCHERVILLE [33.81, -97.88], 2.7 NW BELCHERVILLE [33.83, -97.87]

05/15/13 16:33 CST	30K	Tornado (EF0, L: 1.11 mi, W: 70 yd)
05/15/13 16:36 CST	0	Source: NWS Storm Survey

NWS survey crews determined a tornado caused EF-0 damage to a ranch near Belcherville, Texas.

### PALO PINTO COUNTY --- MINERAL WELLS [32.80, -98.10]

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/15/13 17:13 CST		0	Hail (1.50 in)
	05/15/13 17:14 CST		0	Source: Amateur Radio
Trained spotters reported ping pong ball sized hail at the Mineral Wells airport.				
<b>MILLS COUNTY --- 3.7 WSW PRIDDY [31.66, -98.58], 2.2 S PRIDDY [31.64, -98.53]</b>				
	05/15/13 17:14 CST		0	Tornado (EF0, L: 3.42 mi , W: 50 yd)
	05/15/13 17:18 CST		3K	Source: Emergency Manager
The Mills County Emergency Manager and local storm spotters observed a tornado. The tornado occurred in open land and did minimal damage to trees.				
<b>PALO PINTO COUNTY --- MINERAL WELLS [32.80, -98.10]</b>				
	05/15/13 17:14 CST		0	Hail (1.25 in)
	05/15/13 17:20 CST		0	Source: Amateur Radio
Trained spotters reported the hail decreased to half dollar sized.				
<b>PALO PINTO COUNTY --- MINERAL WELLS [32.80, -98.10]</b>				
	05/15/13 17:20 CST		0	Hail (1.75 in)
	05/15/13 17:25 CST		0	Source: Amateur Radio
Trained spotters reported the hail grew to the size of golf balls.				
<b>PALO PINTO COUNTY --- MINERAL WELLS [32.80, -98.10]</b>				
	05/15/13 17:25 CST		0.40M	Hail (4.00 in)
	05/15/13 17:29 CST		0	Source: Trained Spotter
Trained spotters reported grapefruit sized hail in the city of Mineral Wells.				
<b>ERATH COUNTY --- MORGAN MILL [32.38, -98.17]</b>				
	05/15/13 17:30 CST		5K	Hail (1.50 in)
	05/15/13 17:35 CST		0	Source: Fire Department/Rescue
Morgan Mill Fire Department reported ping pong ball hail in the city of Morgan Mill.				
<b>MILLS COUNTY --- PRIDDY [31.67, -98.52]</b>				
	05/15/13 17:32 CST		0	Hail (1.75 in)
	05/15/13 17:36 CST		0	Source: Trained Spotter
Trained spotters reported golf ball sized hail in the city of Priddy.				
<b>PARKER COUNTY --- MILLSAP [32.75, -98.02]</b>				
	05/15/13 17:32 CST		10K	Hail (1.75 in)
	05/15/13 17:36 CST		5K	Source: Trained Spotter
Trained spotters reported hail to the size of golf balls in Millsap.				
<b>PALO PINTO COUNTY --- 0.6 S (MWL)MINERAL WELLS A [32.77, -98.07], 0.7 SSE (MWL)MINERAL WELLS A [32.77, -98.07]</b>				
	05/15/13 17:41 CST		0	Tornado (EF0, L: 0.30 mi , W: 50 yd)
	05/15/13 17:42 CST		20K	Source: NWS Employee
Off duty NWS meteorologists observed a tornado to the west of Millsap. The tornado first began in far eastern Palo Pinto County before moving to the southeast.				
<b>MONTAGUE COUNTY --- 5.2 NNE NOCONA [33.84, -97.68], 5.0 S ROWLAND [33.86, -97.67]</b>				
	05/15/13 17:50 CST		0.10M	Tornado (EF1, L: 1.01 mi , W: 200 yd)
	05/15/13 17:55 CST	1	0	Source: NWS Storm Survey

National Weather Service storm survey crews determined a tornado occurred in the Nocona Lake Estates on the west side of Lake Nocona. The tornado first occurred in open fields, before moving northeast toward the lake. The tornado caused damage to several homes and several open lots, before curving sharply to the northwest, producing EF-1 damage to several manufactured homes.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MONTAGUE COUNTY --- 6.9 SW FRUITLAND [33.43, -97.89], 3.8 WSW FRUITLAND [33.48, -97.86]</b>				
	05/15/13 17:51 CST		0.13M	Tornado (EF1, L: 3.63 mi , W: 240 yd)
	05/15/13 17:58 CST		0	Source: NWS Storm Survey
A storm survey crew determined EF-1 damage occurred near Lake Amon Carter. Several houses were damaged, and a golf course clubhouse was heavily damaged.				
<b>MILLS COUNTY --- CARADAN [31.55, -98.48]</b>				
	05/15/13 18:00 CST		40K	Hail (2.75 in)
	05/15/13 18:04 CST		0	Source: Trained Spotter
Trained spotters reported hail to the size of baseballs in the city of Caradan.				
<b>PARKER COUNTY --- MILLSAP [32.75, -98.02]</b>				
	05/15/13 18:00 CST		5K	Thunderstorm Wind (EG 56 kt)
	05/15/13 18:02 CST		2K	Source: Amateur Radio
Trained spotters estimated a wind gust to 65 mph outside of Millsap. Tree limbs were blown down and a few sheds lost their roofs.				
<b>PARKER COUNTY --- 0.6 WSW MILLSAP [32.75, -98.03], 1.5 SE MILLSAP [32.74, -98.00]</b>				
	05/15/13 18:03 CST		60K	Tornado (EF1, L: 1.95 mi , W: 400 yd)
	05/15/13 18:19 CST		0	Source: NWS Employee
Off duty NWS employees observed a tornado as it moved across the southern portions of the city. Several homes, power lines, and barns were damaged.				
<b>PARKER COUNTY --- 4.1 W WEATHERFORD [32.77, -97.87]</b>				
	05/15/13 18:06 CST		2K	Hail (1.75 in)
	05/15/13 18:10 CST		0	Source: Amateur Radio
Trained spotters reported golf ball sized hail to the west of Weatherford.				
<b>HAMILTON COUNTY --- 2.1 S INDIAN GAP [31.64, -98.42]</b>				
	05/15/13 18:17 CST		5K	Hail (1.75 in)
	05/15/13 18:21 CST		10K	Source: Trained Spotter
Trained spotters reported golf ball sized hail, just south of Indian Gap.				
<b>MONTAGUE COUNTY --- 5.8 WSW ILLINOIS BEND [33.84, -97.59], 4.9 WNW CAPPS CORNERS [33.84, -97.57]</b>				
	05/15/13 18:18 CST		40K	Tornado (EF0, L: 0.94 mi , W: 150 yd)
	05/15/13 18:20 CST		0	Source: Broadcast Media
Broadcast media chasers captured video of a tornado approximately 11 miles northwest of St. Jo. This tornado produced EF0 damage to trees and one home.				
<b>WISE COUNTY --- 1.7 W ALVORD [33.37, -97.71]</b>				
	05/15/13 18:20 CST		0	Hail (2.75 in)
	05/15/13 18:24 CST		10K	Source: Public
Baseball sized hail was reported near Alvord.				
<b>PARKER COUNTY --- 2.9 NNW BROCK [32.72, -97.94], 2.6 N BROCK [32.72, -97.93]</b>				
	05/15/13 18:22 CST		0	Tornado (EF0, L: 0.49 mi , W: 70 yd)
	05/15/13 18:25 CST		20K	Source: NWS Employee
Off duty NWS employees observed a tornado near the Brock exit on I-20. This was the third in a series of tornadoes in and around Millsap. Damage was contained to open fields.				
<b>PARKER COUNTY --- 2.9 W WEATHERFORD [32.77, -97.85]</b>				
	05/15/13 18:35 CST		10K	Hail (1.75 in)
	05/15/13 18:37 CST		5K	Source: Amateur Radio
Trained spotters reported golf ball sized hail moving closer to Weatherford.				

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WISE COUNTY --- 2.7 N ALVORD [33.41, -97.67], 2.9 NNE ALVORD [33.41, -97.66]</b>				
	05/15/13 18:35 CST		0	Tornado (EF0, L: 0.69 mi , W: 25 yd)
	05/15/13 18:37 CST		10K	Source: Trained Spotter
Trained spotters observed a brief tornado northeast of Alvord.				
<b>HAMILTON COUNTY --- 4.2 N MC GIRK [31.61, -98.32]</b>				
	05/15/13 18:52 CST		0	Hail (0.88 in)
	05/15/13 18:55 CST		0	Source: Trained Spotter
Nickel sized hail fell near the intersection of FM221 and CR2005.				
<b>HOOD COUNTY --- GRANBURY [32.45, -97.80]</b>				
	05/15/13 18:52 CST		30K	Hail (1.75 in)
	05/15/13 18:56 CST		0	Source: Public
Golfball sized hail was reported near the Granbury High School.				
<b>PARKER COUNTY --- 6.8 E DENNIS [32.64, -97.81], 8.2 E DENNIS [32.64, -97.78]</b>				
	05/15/13 18:53 CST		40K	Tornado (EF0, L: 1.46 mi , W: 200 yd)
	05/15/13 18:56 CST		80K	Source: NWS Storm Survey
National Weather Service storm survey crew determined a tornado caused EF-0 damage to homes, trees, and barns in the Tin Top community.				
<b>HOOD COUNTY --- GRANBURY [32.45, -97.80]</b>				
	05/15/13 18:56 CST		60K	Hail (2.75 in)
	05/15/13 19:02 CST		0	Source: Trained Spotter
The hail grew to the size of baseballs. Also, winds in excess of 50 mph were reported near the Granbury High School.				
<b>HOOD COUNTY --- 2.2 N MAMBRINO [32.41, -97.75], 1.6 WSW ACTON [32.44, -97.72]</b>				
	05/15/13 18:58 CST	6	0.14B	Tornado (EF4, L: 2.50 mi , W: 400 yd)
	05/15/13 19:11 CST	54	0	Source: NWS Storm Survey
National Weather Service crews surveyed the damage from the Granbury tornado. The tornado first occurred on the west bank of Lake Granbury / Brazos River. The tornado crossed the lake heading east, towards Davis Road. On the east side of the lake, the tornado damaged several power lines and trees, before hitting the American Legion hall on Davis Road.				
The tornado then took much more of a northerly track through the Rancho Brazos subdivision. This subdivision was severely damaged, with 97 of the 110 homes suffering at least minor damage. Four homes suffered EF-4 damage, and ten others had EF-3 damage. The vast majority of the subdivision had evidence of EF-1 or EF-2 damage. Six individuals lost their lives in this subdivision as a direct result of the tornado. All six were in mobile homes at the time.				
Moving north from the Rancho Brazos subdivision, the tornado dissipated approximately one mile to the north-northeast of the area that suffered the most damage.				
Direct Fatalities: M61MH, F81MH, M34MH, M81MH, M69MH, F63MH				
<b>HAMILTON COUNTY --- 5.5 S BLUE RIDGE [31.57, -98.12]</b>				
	05/15/13 19:05 CST		3K	Hail (1.75 in)
	05/15/13 19:10 CST		5K	Source: Trained Spotter
Trained spotters reported golf ball sized hail.				
<b>PARKER COUNTY --- 10.2 SSW ALEDO [32.57, -97.67], 10.2 SSW ALEDO [32.57, -97.67]</b>				
	05/15/13 19:05 CST		20K	Tornado (EF0, L: 0.12 mi , W: 20 yd)
	05/15/13 19:07 CST		0	Source: Trained Spotter
Trained spotters observed a brief tornado well south of Annetta South, in Parker County.				
<b>HOOD COUNTY --- 5.0 SE LAKE GRANBURY SOUTH [32.36, -97.63], 5.8 ESE LAKE GRANBURY SOUTH [32.35, -97.62]</b>				

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	05/15/13 19:09 CST		0.10M	Tornado (EF0, L: 1.02 mi , W: 300 yd)
	05/15/13 19:11 CST		10K	Source: NWS Storm Survey

National Weather Service survey crew determined a tornado caused EF-0 and EF-1 damage in the Pecan Plantation community. The tornado began in Hood County, before moving across the Brazos into Johnson County.

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<b>JOHNSON COUNTY --- 8.3 SW GODLEY [32.35, -97.62], 7.7 SSW GODLEY [32.35, -97.59]</b>				
	05/15/13 19:11 CST		0.26M	Tornado (EF1, L: 1.42 mi , W: 300 yd)
	05/15/13 19:21 CST		0	Source: NWS Storm Survey

National Weather Service survey crew determined a tornado caused EF-0 and EF-1 damage in the Pecan Plantation community. The tornado began in Hood County, before moving across the Brazos into Johnson County.

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<b>HAMILTON COUNTY --- 0.9 SE SHIVE [31.61, -98.22]</b>				
	05/15/13 19:12 CST		10K	Hail (2.75 in)
	05/15/13 19:15 CST		0	Source: Trained Spotter

Trained spotters reported baseball sized hail near Shive.

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<b>HOOD COUNTY --- 0.9 W ACTON [32.45, -97.72]</b>				
	05/15/13 19:14 CST		0.20M	Thunderstorm Wind (EG 74 kt)
	05/15/13 19:16 CST		0	Source: Emergency Manager

Skylights and roofs were damaged at Acton Middle School, northwest of downtown Acton. A tennis court fence, wind screen, and portable bleachers were damaged as well.

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<b>ANDERSON COUNTY --- 128.4 NNW CAYUGA [33.55, -97.10]</b>				
	05/15/13 19:15 CST		80K	Thunderstorm Wind (EG 61 kt)
	05/15/13 19:21 CST		0	Source: Emergency Manager

The Cooke County Emergency Manager and a Cooke County Commissioner reported several large trees were blown down. The tree damage was concentrated in the southern third of the county, along or near County Roads 337, 328 and 348. One mobile home in the same area suffered severe damage.

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<b>JOHNSON COUNTY --- 10.7 NW GODLEY [32.55, -97.66], 10.5 NW GODLEY [32.55, -97.66]</b>				
	05/15/13 19:19 CST		10K	Tornado (EF0, L: 0.19 mi , W: 30 yd)
	05/15/13 19:22 CST		0	Source: Trained Spotter

Trained spotters observed a tornado northwest of Cresson. Damage was minimal, limited to a billboard and a few farm buildings.

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<b>TARRANT COUNTY --- 2.1 SSE GRAPEVINE [32.90, -97.07]</b>				
	05/15/13 19:31 CST		0	Thunderstorm Wind (MG 51 kt)
	05/15/13 19:33 CST		0	Source: ASOS

The DFW ASOS recorded a 51 knot wind gust.

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<b>HAMILTON COUNTY --- 3.0 NNE EVANT [31.51, -98.14], 3.2 NNE EVANT [31.52, -98.14]</b>				
	05/15/13 19:34 CST		0	Tornado (EF0, L: 0.21 mi , W: 30 yd)
	05/15/13 19:36 CST		10K	Source: Emergency Manager

The Hamilton County Emergency Manager observed two nearly simultaneous tornadoes just north of Evant. This was the northernmost tornado of the two.

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<b>HAMILTON COUNTY --- 2.2 N EVANT [31.50, -98.14], 2.8 NNE EVANT [31.51, -98.13]</b>				
	05/15/13 19:35 CST		0	Tornado (EF0, L: 1.04 mi , W: 40 yd)
	05/15/13 19:37 CST		20K	Source: Emergency Manager

The Hamilton County Emergency Manager observed two nearly simultaneous tornadoes just north of Evant. This was the easternmost tornado of the two.

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<b>JOHNSON COUNTY --- CLEBURNE [32.35, -97.40]</b>				
	05/15/13 19:56 CST		20K	Hail (1.75 in)
	05/15/13 20:01 CST		0	Source: Emergency Manager

The Johnson County Emergency Manager relayed a report of golf ball sized hail in Cleburne.

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<b>JOHNSON COUNTY --- 6.3 SW LAKE PAT CLEBURNE [32.26, -97.50], 0.8 SSW CLEBURNE [32.34, -97.41]</b>				
	05/15/13 20:12 CST		0.12B	Tornado (EF3, L: 7.79 mi , W: 1733 yd)
	05/15/13 20:23 CST	7	0	Source: NWS Storm Survey
Trained storm spotters observed a nearly mile wide tornado to the southwest of the city of Cleburne. NWS storm survey crew determined this tornado produced EF-3 damage on the east side of Lake Pat Cleburne. The path of the tornado was erratic, moving initially north, then northeast, then north again.				
<b>JOHNSON COUNTY --- CLEBURNE [32.35, -97.40]</b>				
	05/15/13 20:21 CST		5K	Thunderstorm Wind (EG 70 kt)
	05/15/13 20:25 CST		0	Source: Trained Spotter
Trained spotters estimated 80 mph winds at the Cleburne hospital.				
<b>JOHNSON COUNTY --- 3.2 ESE BONO [32.31, -97.30], 4.2 N PARKER [32.31, -97.28]</b>				
	05/15/13 20:45 CST		0	Tornado (EF0, L: 1.28 mi , W: 400 yd)
	05/15/13 20:49 CST		20K	Source: NWS Storm Survey
National Weather Service storm survey crews determined a tornado produced EF-0 damage to the south and east of Cleburne.				
<b>TARRANT COUNTY --- 0.9 SW EAGLE [32.97, -97.53]</b>				
	05/15/13 21:41 CST		10K	Hail (1.75 in)
	05/15/13 21:46 CST		0	Source: Public
Golf ball sized hail was reported by a homeowner near Eagle Mountain Lake.				
<b>HAMILTON COUNTY --- 0.9 NE HAMILTON MUNI ARPT [31.68, -98.14]</b>				
	05/15/13 21:57 CST		0	Thunderstorm Wind (MG 51 kt)
	05/15/13 21:59 CST		0	Source: AWOS
The Hamilton AWOS recorded a 51 knot wind gust.				
<b>HILL COUNTY --- COVINGTON [32.18, -97.27]</b>				
	05/15/13 22:20 CST		5K	Hail (1.75 in)
	05/15/13 22:26 CST		0	Source: Emergency Manager
The Johnson County Emergency Manager reported golf ball sized hail in the city of Covington.				
<b>TARRANT COUNTY --- KENNEDALE [32.65, -97.22]</b>				
	05/15/13 22:30 CST		0.10M	Thunderstorm Wind (EG 60 kt)
	05/15/13 22:39 CST		0	Source: Public
Thunderstorm winds cause damage to buildings in Kennedale. Storage units had damage to doors and walls, while one building lost a roof.				
<b>ELLIS COUNTY --- 0.4 S ENNIS [32.33, -96.63], 1.3 NE CREECHVILLE [32.36, -96.54]</b>				
	05/15/13 23:05 CST		0.65M	Tornado (EF1, L: 6.17 mi , W: 400 yd)
	05/15/13 23:12 CST	1	0	Source: NWS Storm Survey
National Weather Service storm survey crews determined a tornado produced EF-1 damage to downtown Ennis, before continuing to move northeast.				
<p><b>A tornado and severe weather outbreak occurred on the afternoon and evening hours of May 15th. Nineteen tornadoes occurred, including one EF-4 and one EF-3. Six fatalities occurred in the city of Granbury, TX. These fatalities were the first in the Fort Worth county warning area since 2006. An additional 54 people were injured by the various tornadoes during the evening of May 15th. A number of homes, 171, suffered major damaged or were destroyed. An additional 513 homes suffered minor damage or were somehow affected.</b></p> <p><b>During the afternoon of May 15th, a vigorous upper level low moved slowly southeast from the panhandle of Texas into the Red River Valley. A dry line strengthened throughout the day, triggering thunderstorms between Bowie and the DFW metroplex. As the upper storm moved slowly east and southeast, several supercell thunderstorms developed, and most of them produced tornadoes.</b></p>				

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*Ranchos Brazos subdivision in Granbury, Texas, where all six of the fatalities occurred. Photo by Mark Fox, NWS Fort Worth WCM.*

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### GRAYSON COUNTY --- 2.1 N SADLER [33.71, -96.85]

05/16/13 07:15 CST	0	Hail (0.88 in)
05/16/13 07:15 CST	0	Source: Emergency Manager

Nickel sized hail was reported 2 miles north of Sadler.

Isolated to scattered thunderstorms developed on May 16th. Only a few reports of nickel sized hail were reported.

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### NAVARRO COUNTY --- 1.3 WNW FROST [32.09, -96.84]

05/17/13 06:30 CST	7K	Hail (1.75 in)
05/17/13 06:30 CST	0	Source: CoCoRaHS

A CoCoRaHS observer reported hail up to the size of golf balls 1.3 miles west-northwest of Frost. The hail dented cars and damaged shingles.

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### NAVARRO COUNTY --- FROST [32.08, -96.82]

05/17/13 06:35 CST	0	Hail (1.00 in)
05/17/13 06:35 CST	0	Source: Emergency Manager

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### NAVARRO COUNTY --- 1.2 NNE ALLIANCE HALL [31.99, -96.67]



## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/17/13 06:45 CST		0	Hail (1.00 in)
	05/17/13 06:45 CST		0	Source: Storm Chaser

Quarter sized hail was reported west of Corsicana off Highway 31.

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### FREESTONE COUNTY --- 1.0 W TEAGUE [31.62, -96.30]

05/17/13 07:48 CST		5K	Hail (1.75 in)
05/17/13 07:48 CST		0	Source: Law Enforcement

Golf ball sized hail was reported 1 mile west of Teague.

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### LEON COUNTY --- 1.7 W BUFFALO [31.47, -96.10]

05/17/13 08:25 CST		0	Hail (0.75 in)
05/17/13 08:25 CST		0	Source: Law Enforcement

Penny sized hail was reported between Buffalo and Donie.

**A mesoscale cluster of thunderstorms affected the area during the morning hours of May 17th.**

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### (TX-Z119) DALLAS

05/17/13 12:10 CST	1	0	Excessive Heat
05/17/13 12:20 CST		0	

Direct Fatalities: M1VE

**Severe weather dominated the headlines in May, but here were a few days with high temperatures. One child died after being left in a car in Dallas.**

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### YOUNG COUNTY --- 1.9 ESE LAKE GRAHAM [33.14, -98.60]

05/17/13 16:10 CST		0	Hail (0.75 in)
05/17/13 16:15 CST		0	Source: Law Enforcement

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### YOUNG COUNTY --- GRAHAM [33.10, -98.60]

05/17/13 16:59 CST		0	Hail (1.00 in)
05/17/13 17:03 CST		0	Source: Public

Quarter sized hail was reported in Graham.

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### YOUNG COUNTY --- GRAHAM [33.10, -98.60]

05/17/13 17:03 CST		60K	Hail (2.75 in)
05/17/13 17:06 CST		0	Source: Public

Hail increased to the size of baseballs in Graham.

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### YOUNG COUNTY --- OLNEY [33.37, -98.77]

05/17/13 17:03 CST		50K	Hail (2.50 in)
05/17/13 17:10 CST		0	Source: Emergency Manager

The Olney Emergency Manager reported hail to the size of a baseball within the city.

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### YOUNG COUNTY --- 1.2 W GRAHAM MUNI ARPT [33.10, -98.57]

05/17/13 17:05 CST		0	Hail (1.75 in)
05/17/13 17:12 CST		3K	Source: Amateur Radio

Trained spotters reported golf ball sized hail on the west side of Graham.

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### YOUNG COUNTY --- GRAHAM [33.10, -98.60]

05/17/13 17:07 CST		0	Hail (1.50 in)
05/17/13 17:12 CST		5K	Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trained spotters reported ping pong ball sized hail in Graham.				
<b>YOUNG COUNTY --- GRAHAM [33.10, -98.60]</b>				
	05/17/13 17:09 CST		0	Hail (1.75 in)
	05/17/13 17:12 CST		5K	Source: Trained Spotter
Trained spotters reported hail between nickel and golf ball sized hail with very little rainfall.				
<b>YOUNG COUNTY --- GRAHAM [33.10, -98.60]</b>				
	05/17/13 17:14 CST		50K	Hail (2.00 in)
	05/17/13 17:21 CST		0	Source: Public
Hail to the size of a chicken egg was reported on the southwest side of Graham.				
<b>YOUNG COUNTY --- 1.9 ESE LAKE GRAHAM [33.14, -98.60]</b>				
	05/17/13 17:15 CST		0	Hail (2.50 in)
	05/17/13 17:21 CST		10K	Source: Public
Tennis ball sized hail was reported near Graham.				
<b>YOUNG COUNTY --- GRAHAM MUNI ARPT [33.10, -98.55]</b>				
	05/17/13 17:21 CST		0	Hail (1.75 in)
	05/17/13 17:26 CST		8K	Source: Public
Hail was reported in Graham. The hail was becoming smaller, but still included anything from the size of a nickel to the size of a golf ball.				
<b>YOUNG COUNTY --- GRAHAM [33.10, -98.60]</b>				
	05/17/13 17:39 CST		60K	Hail (2.00 in)
	05/17/13 17:43 CST		0	Source: NWS Employee
An off duty National Weather Service meteorologist reported another round of hail in Graham. The hail was at least the size of a chicken egg.				
<b>YOUNG COUNTY --- 0.9 SE NEWCASTLE [33.19, -98.74]</b>				
	05/17/13 17:42 CST		20K	Hail (2.00 in)
	05/17/13 17:47 CST		0	Source: Public
Hail to the size of a chicken egg was reported near Newcastle. Quarter and golf ball sized hail was also reported.				
<b>YOUNG COUNTY --- NEWCASTLE [33.20, -98.75]</b>				
	05/17/13 17:47 CST		0	Hail (3.00 in)
	05/17/13 17:56 CST		10K	Source: Public
Hail to the size of a tea cup was reported in Newcastle.				
<b>YOUNG COUNTY --- 1.8 NE GRAHAM [33.12, -98.58]</b>				
	05/17/13 18:10 CST		0	Hail (3.00 in)
	05/17/13 18:18 CST		10K	Source: Broadcast Media
A broadcast media chaser reported hail that measured 3.5 inches in diameter.				
<b>YOUNG COUNTY --- 0.6 WSW SOUTH BEND [33.00, -98.68]</b>				
	05/17/13 18:30 CST		10K	Lightning
	05/17/13 18:30 CST		0	Source: Emergency Manager
The Young County Emergency Manager reported lightning struck a tank battery, resulting in a fire. No other structures were impacted.				
<b>YOUNG COUNTY --- 4.4 NW ELIASVILLE [32.99, -98.81], 3.4 NW ELIASVILLE [32.98, -98.80]</b>				
	05/17/13 18:34 CST		0	Tornado (EF0, L: 1.02 mi , W: 75 yd)
	05/17/13 18:37 CST		5K	Source: Trained Spotter
Trained spotters observed a tornado outside of Eliasville. This was the first of two tornadoes, and was the largest. However, this tornado occurred over open land, and produced little to no damage.				

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>YOUNG COUNTY --- 3.9 NNW ELIASVILLE [33.00, -98.78], 3.8 WNW ELIASVILLE [32.96, -98.81]</b>				
	05/17/13 18:50 CST		80K	Tornado (EF1, L: 3.14 mi , W: 20 yd)
	05/17/13 18:53 CST		0	Source: NWS Storm Survey
Trained spotters observed a tornado outside of Eliasville. This was the second of two tornadoes this day. This tornado was very narrow, but produced EF-1 damage to a home. This tornado moved from the northeast to the southwest.				
<b>STEPHENS COUNTY --- 5.7 NNW IVAN [32.95, -98.75]</b>				
	05/17/13 19:27 CST		20K	Hail (2.50 in)
	05/17/13 19:32 CST		0	Source: Broadcast Media
Broadcast media reported baseball sized hail near Ivan.				
<b>YOUNG COUNTY --- 2.3 W SOUTH BEND [33.00, -98.71]</b>				
	05/17/13 19:59 CST		20K	Hail (2.50 in)
	05/17/13 20:12 CST		80K	Source: Fire Department/Rescue
Golfball to tennis ball sized hail was reported to the west of the city of South Bend. The report was made by the South Bend Fire Department.				
<b>The dry line became active during the afternoon of May 17th. Only a few storms fired along the dry line across Young and Stephens Counties. However, several reports of large hail, and two tornadoes occurred with these storms.</b>				
<b>EASTLAND COUNTY --- 0.4 NNE CARBON [32.28, -98.83]</b>				
	05/20/13 14:48 CST		0	Hail (1.75 in)
	05/20/13 14:52 CST		5K	Source: Law Enforcement
Golf ball sized hail was reported at the intersection of FM2526 and Highway 6.				
<b>EASTLAND COUNTY --- EASTLAND [32.40, -98.82]</b>				
	05/20/13 15:41 CST		0	Hail (0.75 in)
	05/20/13 15:43 CST		0	Source: NWS Employee
Penny sized hail in Eastland.				
<b>JACK COUNTY --- JACKSBORO [33.22, -98.17]</b>				
	05/20/13 16:36 CST		5K	Hail (1.75 in)
	05/20/13 16:38 CST		0	Source: Law Enforcement
Jack County Sheriff's Office reported several instances of golf ball sized hail in and near Jacksboro.				
<b>MONTAGUE COUNTY --- 1.9 SE RINGGOLD [33.80, -97.93], 2.5 SE RINGGOLD [33.80, -97.92]</b>				
	05/20/13 16:41 CST		0	Tornado (EF0, L: 0.92 mi , W: 50 yd)
	05/20/13 16:44 CST		5K	Source: Trained Spotter
Trained spotters observed a brief tornado just south of Ringgold. Damage was minimal, as the tornado remained over open land.				
<b>MONTAGUE COUNTY --- NOCONA [33.78, -97.73]</b>				
	05/20/13 16:58 CST		5K	Hail (1.50 in)
	05/20/13 17:02 CST		0	Source: Trained Spotter
Trained spotters reported ping pong ball sized hail in Nocona.				
<b>MONTAGUE COUNTY --- CAPPS CORNERS [33.80, -97.50]</b>				
	05/20/13 17:29 CST		0	Hail (1.00 in)
	05/20/13 17:31 CST		0	Source: Trained Spotter
Trained spotters reported quarter sized hail 3 miles west of Capps Corner.				
<b>MILLS COUNTY --- PRIDDY [31.67, -98.52]</b>				
	05/20/13 17:45 CST		0	Hail (0.75 in)
	05/20/13 17:46 CST		0	Source: Law Enforcement

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MILLS COUNTY --- 2.1 ENE PRIDDY [31.68, -98.48], 3.2 ENE PRIDDY [31.68, -98.47]</b>				
	05/20/13 18:25 CST		0	Tornado (EF0, L: 1.08 mi , W: 100 yd)
	05/20/13 18:27 CST		5K	Source: Emergency Manager
The Mills County Emergency Manager observed a tornado to the east and northeast of Priddy. The tornado occurred over open land and produced minimal damage.				
<b>COMANCHE COUNTY --- 3.0 SSW HASSE [31.89, -98.51], 1.7 WSW GUSTINE [31.84, -98.43], 1.0 ESE NEWBURG [31.77, -98.51], 4.1 SE COMANCHE DUDLEY ARPT [31.82, -98.63], 1.8 SSE COMANCHE [31.88, -98.61]</b>				
	05/20/13 19:00 CST		0	Flash Flood (due to Heavy Rain)
	05/20/13 20:22 CST		10K	Source: Law Enforcement
Comanche County Sheriff's Office reported flooded roads due to heavy rainfall. The roads closures were on Texas Highway 36 approximately 6 miles southeast of the city of Comanche, along with Farm to Market Road 1702 South, and Farm to Market Road 1476 North.				
<b>HAMILTON COUNTY --- HAMILTON [31.70, -98.12]</b>				
	05/20/13 19:40 CST		3K	Hail (1.50 in)
	05/20/13 19:43 CST		0	Source: Emergency Manager
The Hamilton County Emergency Manager reported ping pong ball sized hail in the city of Hamilton.				
<b>HAMILTON COUNTY --- HAMILTON [31.70, -98.12]</b>				
	05/20/13 19:47 CST		0	Hail (1.00 in)
	05/20/13 19:50 CST		0	Source: Fire Department/Rescue
Hamilton Fire Department reported quarter sized hail in the city of Hamilton.				
<b>MILLS COUNTY --- 1.2 W PRIDDY [31.67, -98.54]</b>				
	05/20/13 19:50 CST		0	Hail (0.88 in)
	05/20/13 19:52 CST		0	Source: Law Enforcement
Nickel hail was reported 1 mile west of Priddy, near Farm to Market Road 218 and County Road 132.				
<b>HAMILTON COUNTY --- POTTSVILLE [31.68, -98.32]</b>				
	05/20/13 20:10 CST		3K	Hail (1.75 in)
	05/20/13 20:12 CST		0	Source: Trained Spotter
Trained spotters reported golf ball sized hail in Pottsville.				
<b>HAMILTON COUNTY --- 1.4 N BLUE RIDGE [31.67, -98.12]</b>				
	05/20/13 20:21 CST		0	Hail (1.00 in)
	05/20/13 20:23 CST		0	Source: Law Enforcement
A Hamilton county sheriff's deputy reported quarter sized hail.				
<b>MILLS COUNTY --- PRIDDY [31.67, -98.52]</b>				
	05/20/13 20:42 CST		2K	Hail (1.75 in)
	05/20/13 20:44 CST		0	Source: Law Enforcement
Golf ball sized hail was reported in, and west of, the city of Priddy.				
<b>HAMILTON COUNTY --- 1.5 SSW SHIVE [31.60, -98.24]</b>				
	05/20/13 21:35 CST		10K	Hail (1.50 in)
	05/20/13 21:38 CST		0	Source: Law Enforcement
Ping Pong ball sized hail was reported west of the city of Evant.				
<b>HAMILTON COUNTY --- 6.8 NNE POTTSVILLE [31.78, -98.29], 4.5 SW FAIRY [31.81, -98.04], 2.2 NE ALEMAN [31.66, -98.03], 3.0 WSW HAMILTON MUNI ARPT [31.66, -98.20]</b>				
	05/20/13 21:40 CST		0	Flood (due to Heavy Rain)
	05/20/13 22:16 CST		6K	Source: Law Enforcement

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hamilton County Sheriff's office reported several low water crossings were barricaded in and around the city of Hamilton.				
<b>CORYELL COUNTY --- 1.4 WSW PURMELA [31.47, -97.99]</b>				
	05/20/13 22:18 CST		0	Hail (1.75 in)
	05/20/13 22:23 CST		10K	Source: Trained Spotter
Trained Spotters reported golf ball sized hail, nine miles east of Evant.				
<b>CORYELL COUNTY --- 6.0 NW BEE HOUSE [31.47, -98.14]</b>				
	05/20/13 22:23 CST		0	Hail (1.00 in)
	05/20/13 22:26 CST		0	Source: Trained Spotter
Trained spotters reported nickel to quarter sized hail, approximately 12 miles east of Evant.				
<b>The dry line was once again active on the afternoon of May 20th. Thunderstorms developed along and ahead of the dry line, producing severe thunderstorms from Montague to Mills Counties.</b>				
<b>STEPHENS COUNTY --- 4.8 S HUBBARD CREEK LAKE [32.75, -99.00]</b>				
	05/21/13 11:15 CST		0	Hail (1.00 in)
	05/21/13 11:19 CST		0	Source: Law Enforcement
Stephens County sheriffs deputies reported quarter sized hail six miles west of Breckenridge.				
<b>WISE COUNTY --- 0.9 SW DECATUR MUNI ARPT [33.24, -97.59]</b>				
	05/21/13 12:14 CST		10K	Thunderstorm Wind (MG 55 kt)
	05/21/13 12:17 CST		0	Source: AWOS
The Decatur AWOS reported a wind gust of 55 knots.				
<b>DENTON COUNTY --- 1.4 N DENTON MUNI ARPT [33.22, -97.20]</b>				
	05/21/13 12:38 CST		35K	Thunderstorm Wind (MG 63 kt)
	05/21/13 12:40 CST		0	Source: ASOS
The Denton ASOS reported a wind gust of 63 knots.				
<b>DENTON COUNTY --- PILOT PT [33.40, -96.97]</b>				
	05/21/13 12:45 CST		20K	Thunderstorm Wind (MG 54 kt)
	05/21/13 12:48 CST		0	Source: Trained Spotter
A trained spotter measured a wind gust of 62 mph at the intersection of US377 and FM455.				
<b>TARRANT COUNTY --- HASLET [32.97, -97.35]</b>				
	05/21/13 12:55 CST		20K	Thunderstorm Wind (EG 52 kt)
	05/21/13 13:10 CST		0	Source: Public
Roof damage was reported in Haslet. Singles were blown off of a few houses.				
<b>TARRANT COUNTY --- GRAPEVINE [32.93, -97.08]</b>				
	05/21/13 13:00 CST		0	Thunderstorm Wind (EG 52 kt)
	05/21/13 13:05 CST		0	Source: NWS Employee
A former NWS employee reported a wind gust of 60 mph in Grapevine.				
<b>GRAYSON COUNTY --- GUNTER [33.45, -96.75]</b>				
	05/21/13 13:25 CST		0	Thunderstorm Wind (EG 61 kt)
	05/21/13 13:27 CST		5K	Source: Amateur Radio
Trained spotters reported a 14 inch diameter tree was blown down near Gunter.				
<b>COLLIN COUNTY --- 2.1 NNW BIGGERS [33.18, -96.56]</b>				
	05/21/13 13:33 CST		50K	Thunderstorm Wind (MG 59 kt)
	05/21/13 13:35 CST		0	Source: ASOS

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The McKinney ASOS reported a wind gust of 68 mph.				
<b>COLLIN COUNTY --- FAIRVIEW [33.17, -96.63]</b>				
	05/21/13 13:33 CST		50K	Thunderstorm Wind (EG 56 kt)
	05/21/13 13:42 CST		0	Source: COOP Observer
The McKinney COOP observer reported large tree limbs and branches blown down.				
<b>COLLIN COUNTY --- MCKINNEY [33.20, -96.62]</b>				
	05/21/13 13:33 CST		50K	Thunderstorm Wind (EG 56 kt)
	05/21/13 13:34 CST		0	Source: Trained Spotter
Trained spotters reported trees damaged near Virginia Parkway and Carlisle Street in McKinney. Large branches snapped.				
<b>COLLIN COUNTY --- MCKINNEY [33.20, -96.62]</b>				
	05/21/13 13:33 CST		50K	Thunderstorm Wind (EG 56 kt)
	05/21/13 13:42 CST		0	Source: Amateur Radio
Trees were blown down in McKinney, at the intersection of Fairway Vista and Valley Creek. Reported by amateur radio operators.				
<b>DALLAS COUNTY --- 1.0 N GARLAND [32.93, -96.63]</b>				
	05/21/13 13:40 CST		10K	Thunderstorm Wind (MS 50 kt)
	05/21/13 13:43 CST		0	Source: Trained Spotter
A sustained wind of 58 mph was measured at a home in Garland. Report came in through e-spotter.				
<b>DALLAS COUNTY --- GARLAND [32.92, -96.63]</b>				
	05/21/13 13:43 CST		30K	Thunderstorm Wind (EG 60 kt)
	05/21/13 13:46 CST		0	Source: Trained Spotter
A trained spotter measured a wind gust of 69 mph in Garland.				
<b>COLLIN COUNTY --- PRINCETON [33.18, -96.50]</b>				
	05/21/13 13:49 CST		50K	Thunderstorm Wind (EG 56 kt)
	05/21/13 13:51 CST		0	Source: Trained Spotter
A trained spotter estimated winds near 65 mph in Princeton.				
<b>GRAYSON COUNTY --- PILOT GROVE [33.43, -96.43]</b>				
	05/21/13 13:50 CST		0	Thunderstorm Wind (EG 56 kt)
	05/21/13 13:52 CST		10K	Source: Amateur Radio
Large trees were blown down due to thunderstorm winds in Pilot Grove.				
<b>COLLIN COUNTY --- FARMERSVILLE [33.17, -96.37]</b>				
	05/21/13 14:00 CST		40K	Thunderstorm Wind (EG 54 kt)
	05/21/13 14:03 CST		0	Source: Trained Spotter
A trained spotter measured 62 mph winds in Farmersville.				
<b>LAMAR COUNTY --- PARIS [33.65, -95.53]</b>				
	05/21/13 14:24 CST		70K	Thunderstorm Wind (EG 61 kt)
	05/21/13 14:26 CST		30K	Source: Law Enforcement
Paris police reported several trees and power lines blown down in the city of Paris.				
<b>LAMAR COUNTY --- PARIS [33.65, -95.53]</b>				
	05/21/13 14:25 CST		0	Thunderstorm Wind (EG 56 kt)
	05/21/13 14:29 CST		5K	Source: Trained Spotter
A 2 foot diameter tree was snapped in the city of Paris. The damage occurred near the intersection of 10th Street SE and Hearon.				

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>COOKE COUNTY --- GAINESVILLE [33.63, -97.15]</b>				
	05/21/13 14:30 CST		0.20M	Lightning
	05/21/13 18:30 CST		0	Source: Emergency Manager
Several fires were started by lightning on the afternoon of May 21st. Two houses suffered fire damage after lightning struck their roof. Another lightning strike destroyed a battery of oil tanks near County Road 208.				
<b>LAMAR COUNTY --- RENO [33.67, -95.47]</b>				
	05/21/13 14:30 CST		0	Thunderstorm Wind (EG 61 kt)
	05/21/13 14:34 CST		5K	Source: Law Enforcement
Trees and power lines were blown down by thunderstorm winds in the city of Reno.				
<b>HUNT COUNTY --- 1.3 SSE CADDO MILLS [33.05, -96.21]</b>				
	05/21/13 14:45 CST		0.10M	Thunderstorm Wind (EG 60 kt)
	05/21/13 14:52 CST		0	Source: Emergency Manager
The Hunt County Emergency Manager reported power lines and tree limbs blown down throughout the county. Homes in the Royse City and Caddo Mills areas suffered roof and fence damage. Two barns along County Road 2630 were also damaged by the winds.				
<b>ELLIS COUNTY --- FERRIS [32.53, -96.67]</b>				
	05/21/13 15:20 CST		0	Hail (0.88 in)
	05/21/13 15:24 CST		0	Source: Public
<b>ELLIS COUNTY --- PALMER [32.43, -96.67]</b>				
	05/21/13 15:22 CST		0	Hail (0.88 in)
	05/21/13 15:24 CST		0	Source: Trained Spotter
<b>BELL COUNTY --- 2.3 SE KILLEEN MUNI ARPT [31.06, -97.65]</b>				
	05/21/13 15:24 CST		0	Hail (1.00 in)
	05/21/13 15:29 CST		0	Source: Amateur Radio
Trained spotters reported quarter sized hail.				
<b>BELL COUNTY --- 2.3 SE KILLEEN MUNI ARPT [31.06, -97.65]</b>				
	05/21/13 15:25 CST		0	Hail (0.88 in)
	05/21/13 15:29 CST		0	Source: Public
Nickel sized hail was reported.				
<b>BELL COUNTY --- 1.9 ESE BELTON LAKE [31.16, -97.47]</b>				
	05/21/13 15:45 CST		30K	Thunderstorm Wind (EG 56 kt)
	05/21/13 15:49 CST		0	Source: Amateur Radio
Trained spotters reported damage near Morgans Point. A large tree fell onto a car.				
<b>BELL COUNTY --- HOOD AFB [31.13, -97.73]</b>				
	05/21/13 15:47 CST		0	Hail (1.00 in)
	05/21/13 15:53 CST		0	Source: Broadcast Media
Broadcast media spotter reported nickel to quarter sized hail near Fort Hood.				
<b>BELL COUNTY --- TEMPLE [31.10, -97.35]</b>				
	05/21/13 16:28 CST		0	Hail (0.75 in)
	05/21/13 16:32 CST		0	Source: Broadcast Media
<b>HENDERSON COUNTY --- ATHENS [32.20, -95.85]</b>				
	05/21/13 16:37 CST		6K	Thunderstorm Wind (EG 61 kt)
	05/21/13 16:46 CST		0	Source: Newspaper

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several trees and power lines were blown down by thunderstorm winds. The Henderson County Sheriff's Office report showed 16 calls of trees down across the city of Athens and across the county.				

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### FREESTONE COUNTY --- 4.2 S COTTON GIN [31.62, -96.37]

05/21/13 17:12 CST	0	Hail (0.75 in)
05/21/13 17:15 CST	0	Source: Emergency Manager

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### ROBERTSON COUNTY --- FRANKLIN [31.03, -96.48]

05/21/13 18:00 CST	0	Hail (0.75 in)
05/21/13 18:08 CST	0	Source: Emergency Manager

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### ROBERTSON COUNTY --- FRANKLIN [31.03, -96.48]

05/21/13 18:08 CST	0	Hail (1.25 in)
05/21/13 18:14 CST	0	Source: Public

Hail increased to the size of a half dollar in Franklin.

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### LEON COUNTY --- LEONA [31.15, -95.97]

05/21/13 18:50 CST	0	Hail (0.88 in)
05/21/13 18:55 CST	0	Source: Law Enforcement

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### ROBERTSON COUNTY --- 2.3 NE MUMFORD [30.75, -96.52]

05/21/13 19:00 CST	0	Hail (0.75 in)
05/21/13 19:07 CST	0	Source: Trained Spotter

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### NAVARRO COUNTY --- RICE [32.23, -96.50]

05/21/13 19:04 CST	0	Hail (0.75 in)
05/21/13 19:14 CST	0	Source: Emergency Manager

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### HENDERSON COUNTY --- 3.6 SE CEDAR CREEK RES NORT [32.33, -96.14]

05/21/13 19:20 CST	0	Hail (0.88 in)
05/21/13 19:24 CST	0	Source: Public

A cold front interacted with an existing dry line on the 21st of the month. A line of thunderstorms developed early in the day to the north of the Red River. The line continued to move south and east, moving into increasingly unstable air across north Texas. Numerous reports of large hail and damaging winds were reported.

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### TARRANT COUNTY --- 2.7 SSE TARRANT [32.78, -97.06]

05/29/13 16:57 CST	30K	Thunderstorm Wind (EG 56 kt)
05/29/13 17:04 CST	0	Source: Public

A large tree was blown onto a car near State Highway 360 and Green Oaks Boulevard in north Arlington.

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### TARRANT COUNTY --- EULESS [32.83, -97.08]

05/29/13 16:58 CST	10K	Thunderstorm Wind (EG 56 kt)
05/29/13 17:04 CST	0	Source: Public

A large tree was blown down by thunderstorm winds in Euless.

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### TARRANT COUNTY --- 4.0 NNW GRAND PRAIRIE [32.80, -97.01]

05/29/13 17:04 CST	5K	Thunderstorm Wind (EG 48 kt)
05/29/13 17:06 CST	0	Source: Public

Several tree branches were blown down by thunderstorm winds. Several power lines were affected, causing a power loss to several homes in Grand Prairie.

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### TARRANT COUNTY --- 2.1 N GRAPEVINE [32.96, -97.08]

05/29/13 17:09 CST	4K	Hail (1.25 in)
05/29/13 17:12 CST	0	Source: Trained Spotter

A trained spotter reported half dollar sized hail.



## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TARRANT COUNTY --- 4.2 NNE GREATER SW INTL ARPT [32.89, -97.02]</b>				
	05/29/13 17:11 CST		10K	Thunderstorm Wind (MG 50 kt)
	05/29/13 17:14 CST		0	Source: Official NWS Observations
KDFW measured a wind gust of 58 mph.				
<b>DENTON COUNTY --- 3.5 E GRAPEVINE RES [33.03, -97.09]</b>				
	05/29/13 17:15 CST		0	Hail (0.88 in)
	05/29/13 17:18 CST		0	Source: Emergency Manager
Nickel sized hail fell on the west side of Flower Mound.				
<b>DENTON COUNTY --- 4.6 WSW LEWISVILLE [33.04, -97.07]</b>				
	05/29/13 17:18 CST		0	Hail (1.50 in)
	05/29/13 17:23 CST		10K	Source: Trained Spotter
Hail increased in size in Flower Mound. Trained spotters reported ping pong ball hail between FM2499 and Morris.				
<b>DENTON COUNTY --- LEWISVILLE [33.07, -97.00]</b>				
	05/29/13 17:18 CST		0	Hail (1.75 in)
	05/29/13 17:23 CST		0	Source: Broadcast Media
Broadcast media reported golf ball sized hail in Lewisville.				
<b>TARRANT COUNTY --- MANSFIELD [32.57, -97.13]</b>				
	05/29/13 17:19 CST		20K	Thunderstorm Wind (EG 52 kt)
	05/29/13 17:23 CST		0	Source: Emergency Manager
Arlington Emergency Management reported an 18 inch diameter tree fell onto a mobile home in Breezy Oaks mobile home park.				
<b>DENTON COUNTY --- 2.7 ESE BARTONVILLE [33.06, -97.09]</b>				
	05/29/13 17:23 CST		10K	Hail (1.50 in)
	05/29/13 17:25 CST		0	Source: Trained Spotter
Trained spotters reported ping pong ball sized hail in Flower Mound.				
<b>DENTON COUNTY --- CORINTH [33.15, -97.07]</b>				
	05/29/13 17:25 CST		5K	Hail (1.75 in)
	05/29/13 17:31 CST		0	Source: Emergency Manager
Denton County Emergency Management office reported golf ball sized hail in Corinth.				
<b>DENTON COUNTY --- 1.1 WSW DENTON [33.22, -97.17]</b>				
	05/29/13 17:30 CST		0	Hail (1.00 in)
	05/29/13 17:34 CST		0	Source: Amateur Radio
Trained spotters reported quarter sized hail on Interstate 35 in the city of Denton.				
<b>DENTON COUNTY --- 1.6 SW MINGO [33.23, -97.09]</b>				
	05/29/13 17:35 CST		0	Hail (1.00 in)
	05/29/13 17:41 CST		0	Source: Emergency Manager
Denton Emergency Management reported quarter sized hail on Highway 380 at Loop 288.				
<b>DENTON COUNTY --- LAKE DALLAS [33.12, -97.03]</b>				
	05/29/13 17:36 CST		0	Hail (1.50 in)
	05/29/13 17:41 CST		0	Source: Amateur Radio
Trained spotters reported ping pong ball sized hail at Lake Dallas.				
<b>DENTON COUNTY --- 1.9 WSW DENTON HARTLEE ARPT [33.26, -97.10]</b>				

## Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/29/13 17:38 CST		10K	Hail (2.00 in)
	05/29/13 17:41 CST		0	Source: Public
A report of hail to the size of a chicken egg was reported 4 miles northeast of the city of Denton.				
<b>DENTON COUNTY --- 2.8 SSW MINGO [33.21, -97.09]</b>				
	05/29/13 17:45 CST		10K	Hail (2.00 in)
	05/29/13 17:51 CST		0	Source: Emergency Manager
Denton Emergency Management reported 2 inch diameter hail in Denton, at the intersection of McKinney and 288.				
<b>DENTON COUNTY --- 2.2 WSW MINGO [33.24, -97.11]</b>				
	05/29/13 17:55 CST		5K	Hail (1.25 in)
	05/29/13 17:59 CST		0	Source: Public
Half dollar sized hail was reported in the city of Denton.				
<b>DENTON COUNTY --- 0.3 N BARTONVILLE [33.08, -97.13]</b>				
	05/29/13 19:15 CST		0.11M	Lightning
	05/29/13 19:15 CST		0	Source: Emergency Manager
The Denton County Fire marshal reported a house in the 9300 block of Blanco Drive caught fire after lightning struck the roof. The house was severely damaged, causing the home to be temporarily uninhabitable. Due to the fire, the roof is completely gone and the first floor suffered water damage. The siding of a neighboring house was damaged by the heat of the fire.				
<b>MONTAGUE COUNTY --- 3.6 WSW FORESTBURG [33.51, -97.63]</b>				
	05/29/13 20:17 CST		10K	Thunderstorm Wind (EG 61 kt)
	05/29/13 20:21 CST		0	Source: Amateur Radio
A barn roof and power line was blown down onto the road. Damage occurred on FM 1749 and Boyd road, approximately 3 miles southwest of Forestburg.				
<b>A cluster of Thunderstorms occurred during the afternoon and evening of May 29th. A dry line was moving east from west Texas, but the strong to severe thunderstorms developed ahead of the dry line, producing several reports of gusty thunderstorm winds.</b>				
<b>MONTAGUE COUNTY --- 1.8 SE RINGGOLD [33.80, -97.93]</b>				
	05/30/13 17:00 CST		0	Hail (0.75 in)
	05/30/13 17:04 CST		0	Source: Amateur Radio
<b>MONTAGUE COUNTY --- 5.7 SSW SPANISH FT [33.85, -97.64]</b>				
	05/30/13 17:43 CST		0	Hail (1.00 in)
	05/30/13 17:49 CST		0	Source: Fire Department/Rescue
Nocona VFD reported quarter sized hail near Lake Nocona.				
<b>MONTAGUE COUNTY --- 5.6 N NOCONA [33.86, -97.72]</b>				
	05/30/13 17:45 CST		0	Hail (1.75 in)
	05/30/13 17:49 CST		5K	Source: Public
Golf ball sized hail ways reported approximately 3 miles west of Lake Nocona.				
<b>MONTAGUE COUNTY --- 3.5 S ROWLAND [33.88, -97.68]</b>				
	05/30/13 17:53 CST		0	Hail (1.50 in)
	05/30/13 17:56 CST		5K	Source: Law Enforcement
Ping pong ball was reported at Lake Nocona, by a Montague County sheriff's deputy.				
<b>Isolated thunderstorms developed along the southwestern side of a cold front / dry line on the 30th. Thunderstorms affected mainly Montague County.</b>				